SAMSUNG ELECTRONICS

SERVICE BULLETIN

Product :	Color monitor	**Bulletin No.**	98-MON-E0001
Model :	CFX1577 Model	**Bulletin Date**	1998.1.20
Buyer :	All subsidiaries	**ECN Date :**	1998.1.19

SUBJECT : CFX-1577, Countermeasure for centerinfg focus problem

Background : Sometime screen flickering or center focus problem at field.

(Symptom)

Cause : Internal core of L801(Focus Trans Coil)is saturated due to over current of suspend mode.

Solution : Change focus schematic diagram

Application Date : JAN - 19 -1998

(Interchangeability Code : * **I.C**)

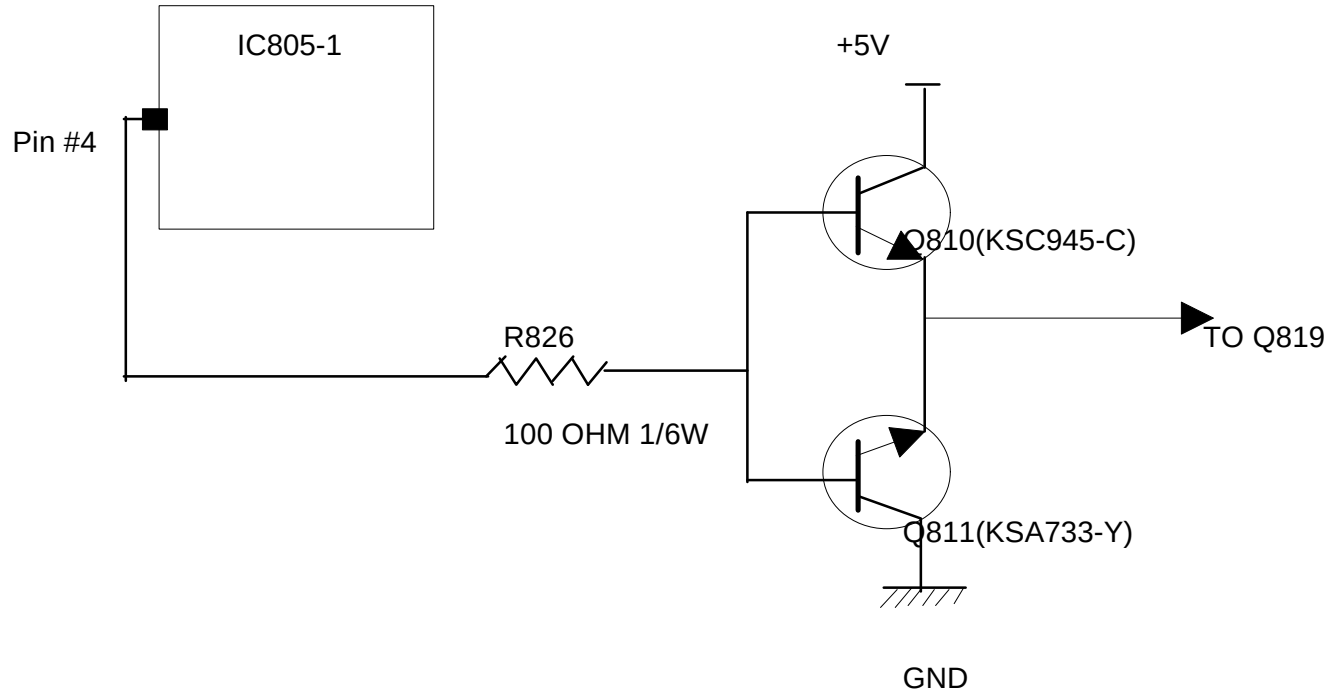
Location No.	**OLD** (before) Parts		**NEW** (changed) Parts		* **I.C**
	SEC Code	Description	SEC Code	Description	
	None		2202-000394	C-MYLAR 102J/100V	E
	None		0401-000005	DIODE-SIG,1N4148DO	E

Type	**A** type	**B** type	**C** type	**D** type	**E** type	**F** type
Interchange Type Code (* I.C)	OLD (Parts) NEW / Early (Prod.) Late	OLD (Parts) NEW / Early (Prod.) Late	OLD (Parts) NEW / Early (Prod.) Late	OLD (Parts) NEW / Early (Prod.) Late	Parts Addition (X ¡æ New)	Parts deletion (Old ¡æ X)

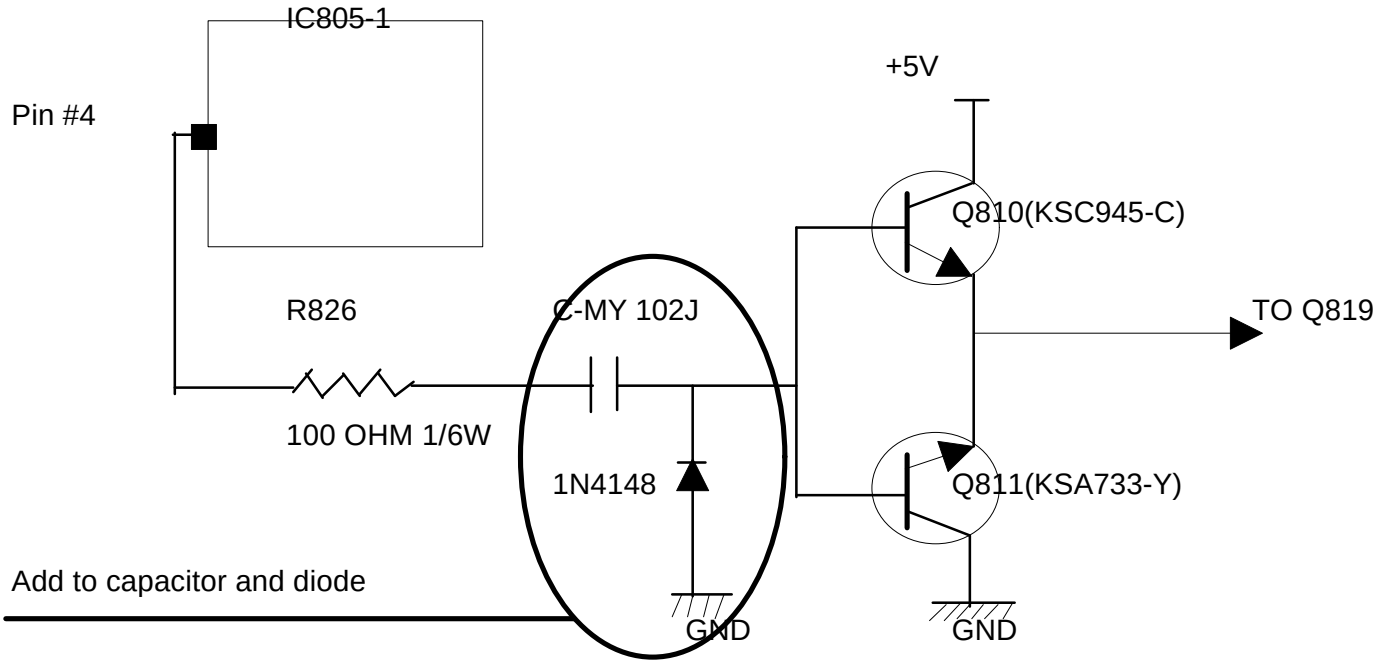
Application	Reference ( )	Only Defected sets (O)	Whole sets ( )
Attachment	Schematic Diagram (O)	Component Lay-out (O)	Exploded View ( )
	Mechanical Diagram ( )	None ( )	Others (o)
Product Month :	**JAN- 19-1998**	**Serial No.** (~ from)	
Published by :	**G.M.Chung**	**Checked by** **J.U.Lee**	**Approved by** **B.W.Kang**

¡á Additional information ***98-MON-E0001***

Before schematic Diagram

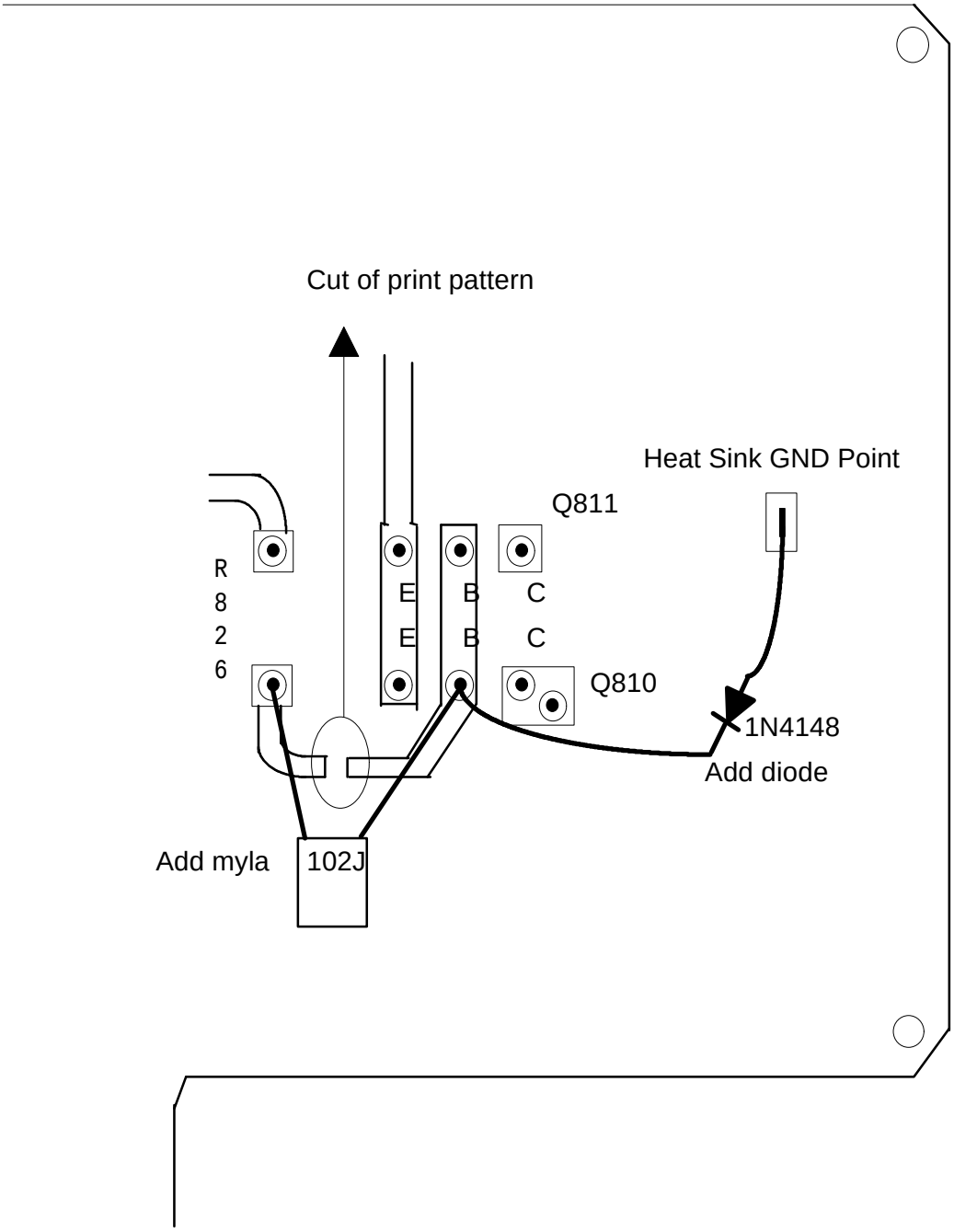


After Schematic Diagram



¡á Additional information 98-MON-E0001

Bottom view of video PCB



SAMSUNG ELECTRONICS

SERVICE BULLETIN

Product :	Color monitor	**Bulletin No. :**	98-MON-E0002
Model :	All Model	**Bulletin Date :**	Feb. 23. 1998
Buyer :	All subsidiaries	**ECN Date :**	Feb. 20. 1998

SUBJECT : Information of New Macintosh Mac Master

Background : (Symptom) To apply New adapter (Macintosh Adapter Mac Master I I) which added separate Sync operation on the OLD adapter (Macintosh Adapter Mac master)

Cause :

Solution :

Application Date : January.1998

(Interchangeability Code : * **I.C**)

Location No.	**OLD** (before) Parts		**NEW** (changed) Parts		* **I.C**
	SEC Code	Description	SEC Code	Description	
-			3719-001073	Only SEA	
-			3719-001071	Other cuntry	

Type	**A** type	**B** type	**C** type	**D** type	**E** type	**F** type
Interchange Type Code (* I.C)	OLD (Parts) → Early (Prod.) / NEW → Late	OLD (Parts) → Early (Prod.) / NEW → Late	OLD (Parts) → Early (Prod.) / NEW → Late	OLD (Parts) → Early (Prod.) / NEW → Late	Parts Addition (None ¡æ New)	Parts deletion (Old ¡æ Del.)

Application Reference (O) Only Defected sets ( ) Whole sets ( )

Attachment Schematic Diagram ( ) Component Lay-out ( ) Exploded View ( )
Mechanical Diagram ( ) None ( ) Others (O)

Product Month : Jan. 1998 **Serial No.** (~ from)

Published by : G.M.Chung **Checked by : J. U.Lee** **Approved by : B.W.KANG**

SAMSUNG ELECTRONICS

SERVICE BULLETIN

Product :	Color monitor	Bulletin No. :	98-MON-E0003
Model :	CMG7377L	Bulletin Date :	Mar. 05. 1998
Buyer :	All subsidiaries	ECN Date :	Feb. 27. 1999

SUBJECT : Information of VP603 video output IC and connector

Background : Originally, LM2427 was used for video IC, but it was changed to VP603 due to discontinue.

(Symptom) Therefore you can use both video IC for detail information .

Please see you attachment.

Cause :

Solution :

Application Date : Mar. 1997

(Interchangeability Code : * I.C)

Location No.	OLD (before) Parts		NEW (changed) Parts		*
	SEC Code	Description	SEC Code	Description	I.C

Type	A type	B type	C type	D type	E type	F type
Interchange Type Code (* I.C)	OLD (Parts) → Early (Prod.) / NEW → Late	OLD (Parts) → Early (Prod.) / NEW → Late	OLD (Parts) → Early (Prod.) / NEW → Late	OLD (Parts) → Early (Prod.) / NEW → Late	Parts Addition (None ¡æ New)	Parts deletion (Old ¡æ Del.)

Application Reference (O) Only Defected sets ( ) Whole sets ( )

Attachment Schematic Diagram ( ) Component Lay-out ( ) Exploded View ( )

Mechanical Diagram ( ) None ( ) Others (O)

Product Month : Mar. 1998	Serial No. (~ from)	
Published by : G.M.Chung	Checked by : J. U.Lee	Approved by : B.W.KANG

¡á Additional Information

* Bulletin No: 98-C/M-E0003

Model : CMG7377 (MG-chassis)

1. Change Video board and diagram

- IC102 (LM2427) : Video assembly part code no. : 257-211070AABP
- IC102 (VP603) : Video assembly part code no. : 257-211070AABP

¡Ø Applicabe part is different according to usage. Therefore it need to control tightly.

- Different part for VP603

Location	Part code no.	Part	From	To
C687	2401-000026	c-al	22uF/16V	3.3uF/16V
D510	0402-000126	Didoe	1N4002	Delete
D511	0402-000126	Diode	1N4002	Delete
R308	2004-000344	R-metal	15k, 1/6W	15k, 1/4W
R641	2003-000725	R-metal	100k, 1W	50k, 3W

¡Ø Above change can be applied to OLD PCB.

2. Video PCB connector summary

- Due to connector loose at process and field.

- Different part for connector

Itam	Part code no.	From	To
11 pin connector	3711-000128	CN902(main)	CN601A(video)
14 pin connector	3711-000702	CN901(main)	CN103(video)
15 pin connector	3711-000713	Sig. Cable	CN101(video)

¡Ø For forward A/S, new type must be applied.

SAMSUNG ELECTRONICS

SERVICE BULLETIN

Product :	Color monitor	Bulletin No. :	98-MON-E0004
Model :	CGK5507L	Bulletin Date :	Mar. 11. 1998
Buyer :	All subsidiaries	ECN Date :	Jan. 30. 1998

SUBJECT : Different parts list for CGB chassis

Background : Different parts list for CGK chassis by CRT maker.

(Symptom)

Cause :

Solution : When it is changed to other CRT which was made by other manufacturer
Please change parts according to attached different parts list.

Application Date : Jan. 1997

(Interchangeability Code : * I.C)

Location No.	OLD (before) Parts		NEW (changed) Parts		* I.C
	SEC Code	Description	SEC Code	Description	

Type	A type	B type	C type	D type	E type	F type
Interchange Type Code (* I.C)	OLD (Parts) → Early (Prod.) / NEW → Late	OLD (Parts) → Early (Prod.) / NEW → Late	OLD (Parts) → Early (Prod.) / NEW → Late	OLD (Parts) → Early (Prod.) / NEW → Late	Parts Addition (None ¡æ New)	Parts deletion (Old ¡æ Del.)

Application Reference (O) Only Defected sets ( ) Whole sets ( )

Attachment Schematic Diagram ( ) Component Lay-out ( ) Exploded View ( )
Mechanical Diagram ( ) None ( ) Others (O)

Product Month : Jan. 1997 Serial No. (~ from)

Published by : G.M.Chung Checked by : J. U.Lee Approved by : B.W.KANG

¡á Additional Information

* Bulletin No: 98-MON-E0004

¢º Different Components list of CGB5607 model¢¸

Mini neck SDD/Toshiba			SDD (Basic Standard CRT)		Philips CRT	
Locat.	Part code	Spec.	Part code	Spec.	Part code	Spec.
BD403	3301-000012	BEAD CORE	X			
BD503	3301-000011	BEAD CORE	X			
C105	2401-000027	4.7UF 50V	2401-000050	10UF 16V		
C210	X		2201-000011	C-CER 33P 50V		
C211	X		2201-000011	C-CER 33P 50V		
C426	2309-000107	205NF 1.6KV	2303-000202	303UF 1.6KV	2303-000305	3NF 1.6KV
C427	2303-000195	0.002NF 1.6KV	2303-000305	0.003UF 1.6KV		
C430	2201-000015	560PF 500V	2201-000285	1000PF 1KV		
C431	2201-000019	0.01UF 500V	X			
C432	2306-000007	C-FILM 470UF 250V	2306-000234	C-FILM 560NF 250V		
C433	2306-001025	0.35UF 400V	2306-000007	C-FILM 470NF 250V		
C434	2306-000171	270NF 250V	2306-000006	C-FILM 330NF 250V		
C501	2401-000025	100UF 16V	2401-000031	47UF 16V		
C506	2305-001011	0.022UF 100V	2305-000004	0.22UF 100V		
C511	2305-001009	0.039UF 250V	2305-000179	0.01UF 250V		
D401	X		0402-000128	1N4002GP		
D402	0402-000128	1N4002GP	X			
D403	0402-000015	1R5NU41	0402-000014	RG2		
D405	0402-000016	DIODE UF5404	0402-000328	DIODE 31DF6		
D408	X		0402-000009	RGP15J		
D412	0402-000280	CGJ-1	0402-001025	ERO07-15		
D501	0403-000366	7.5V ZENER	0403-000355	5.1V ZENER		
L401	BH27-20343K	250UH	BH27-20343I	170UH		
L403	BH27-20342C	7.5UH	BH27-20344A	5.7UH		
JUMPER	X		BH39-40305(	JP182,183,184,185,186,187		
Q409	0502-000009	KSC5386	0502-001001	KSC5088		
Q501	0501-000369	TR,C2331	0501-000412	TR,MPSA42		
Q601	0505-000173	SSP5N90	0505-000012	SSH6N80		
R211	2001-000077	47K, 1/6W	2001-000562	27K, 1/6W		
R225	2001-000053	3.3K, 1/6W	2001-000046	1.8K, 1/6W		
R302	2001-000072	22K, 1/6W	2001-000562	27K, 1/6W	2004-000756	30K, 1/8W, 1%
R303	2004-000581	22K, 1/8W	2004-000658	270K, 1/8W	2004-000756	30K, 1/8W, 1%
R404	2001-000091	220K, 1/6W	2001-000644	330K, 1/6W		
R407	2001-000091	220K, 1/6W	2001-000090	180K,1/6W		
R412	2001-000562	27K, 1/6W	2001-000072	22K, 1/6W		
R415	2001-000083	82K, 1/6W	2001-000080	62K, 1/6W		
R430	2001-000097	1M, 1/6W	2001-000644	330K, 1/6W		
R434	2003-000590	22 OHM, 2W	2003-000676	39 OHM, 2W		

¡á Additional Information

* Bulletin No: 98-MON-E0004

¢º Different Components list of CGB5607 model

Mini neck SDD/Toshiba			SDD (Basic Standard CRT)		Philips CRT	
Locat.	Part code	Spec.	Part code	Spec.	Part code	Spec.
R435	2001-001107	220 OHM, 1/2W	X			
R445	2003-000568	2.7 OHM, 3W	2003-000423	1.2 OHM, 3W		
R449	2003-000008	100 OHM, 1W	2003-000220	220 OHM,1W		
R457	2001-000765	43K, 1/6W	2001-000075	39K, 1/6W		
R471	2001-000043	1K, 1/6W	2001-000067	10K, 1/6W		
R474	2001-000224	1.2M, 1/6W	2001-000738	4.7M, 1/6W		
R477	2003-000756	6.8K, 3W	X			
R479	2001-000224	1.2M, 1/6W	2001-000098	1.8M, 1/6W		
R500	X		2001-001107	220 OHM ,1/2W		
R501	2001-000073	33K, 1/4W	2001-000068	12K, 1/4W		
R507	2001-000068	12K, 1/4W	2001-000070	15K, 1/4W		
R512	2001-001139	39K, 1/2W	2001-000115	82K, 1/4W		
R513	2001-000546	270K, 1/4W	2001-000099	2.2M, 1/4W		
R514	2001-000071	22K, 1/4W	2001-000073	33K, 1/4W		
R522	2001-000562	27K, 1/6W	2001-000067	10K, 1/6W		
R524	2001-000042	1K, 1/4W	2001-000050	2.7K, 1/4W		
R527	2001-000071	22K, 1/4W	2001-000317	120K 1/4W		
R628	2008-000102	0.22 OHM, 1W				
R652	2003-000752	6.8K, 2W	2003-000793	8.2K, 2W		
T401	BH26-30337A	H.D.T	BH26-30336A	H,D,T		
T402	BH26-30337D	D-FOCUS TRANS	X			
T501	BH26-10334F	F.B.T	BH26-10334V	F.B.T		
VRB02	2103-000172	10K,1/10W SIDE	2103-000291	20K,VAR.V/R		
VRG02	2103-000172	10K,1/10W SIDE	2103-000291	20K,VAR.V/R		
VRR02	2103-000172	10K,1/10W SIDE	2103-000291	20K,VAR.V/R		
PCB	BH41-10342V	MP1.1	BH41-10342P	MP1.2		

¢º Video

Mini neck SDD/Toshiba			SDD (Basic Standard CRT)		Philips CRT	
Locat.	Part code	Spec.	Part code	Spec.	Part code	Spec.
C17	2202-002008	10NF 50V	X			
SK1	3704-001042	SOCKET-MINI NEC	3704-001014	SOCKET-CRT,22.5		
GND8	X		BH39-40306C	60m/m BLK		
JUMPER		JP5		JP6,JP8		
PCB	BH41-10341U		BH41-10342G			

SAMSUNG ELECTRONICS

SERVICE BULLETIN

Product :	TFT Color monitor	Bulletin No. :	98-MON-E0005
Model :	LAX410 / LXA510	Bulletin Date :	Mar. 11. 1998
Buyer :	All subsidiaries	ECN Date :	Jan. 1998

SUBJECT : Information of PCB ass'y Code

Background : Fixed PCB ass'y code by TFT 14", 15" each model.

(Symptom) If you need PCB Ass'y for service, Please order according to the below table.

Cause : There was no PCB Ass'y code in SVC manual.

Solution : PCB Ass'y code by each model

A'ssy	14 inch(LXA410)	15 inch(LXA510)
Main	BH98-10002ZSM	BH98-10002ZSM
Audio	BH98-90001CSA	BH98-90001CSA
Power	BH98-90001CSP	BH98-90001CSP
Control	BH98-90001CSC	BH98-90001KSC
Led	BH98-90001CSL	BH98-90001CSL
Back light	BH07-10050ALP	BH07-10050BLP
Controller	BH13-10334YCB	BH13-10334YCB

Application Date : June. 1997

Application	Reference (O)	Only Defected sets ( )	Whole sets ( )
Attachment	Schematic Diagram ( )	Component Lay-out ( )	Exploded View ( )
	Mechanical Diagram ( )	None ( )	Others (O)
Product Month : Jan. 1997		Serial No. (~ from)	
Published by : G.M.Chung	Checked by : J. U.Lee	Approved by : B.W.KANG	

SAMSUNG ELECTRONICS

SERVICE BULLETIN

Product :	Color monitor	Bulletin No. :	98-C / M-E0006
Model :	CKA4217L / CKA5227L	Bulletin Date :	May. 04. 1998
Buyer :	All subsidiaries	ECN Date :	April . 30. 1998

SUBJECT : Improvement collapse of H-Sync Problem.

Background : (Symptom) Sometime collapse of H-Sync happens when the Mode change from high to low in the line process.

Cause : Input noise come from high voltage circuit to Horizontal IC401 pin # 15 (Reg-in).

Solution : Change the capacitor tpye of C504.
From C-ceramic(104/50V) To Myler(104/100V)

Application Date : April. 30. 1987

(Interchangeability Code : * I.C)

Location No.	OLD (before) Parts		NEW (changed) Parts		*
	SEC Code	Description	SEC Code	Description	I.C
C504	2202-002009	C-Ceramic 104/50v,20%	2301-000010	C-Myler 104/100v, 5%	D

Type	A type	B type	C type	D type	E type	F type
Interchange Type Code (* I.C)	OLD (Parts) → Early (Prod.); NEW → Late	OLD (Parts) → Early (Prod.); NEW → Late	OLD (Parts) → Early (Prod.); NEW → Late	OLD (Parts) → Early (Prod.); NEW → Late	Parts Addition (None ¡æ New)	Parts deletion (Old ¡æ Del.)

Application Reference (O) Only Defected sets ( ) Whole sets ( )

Attachment Schematic Diagram ( ) Component Lay-out ( ) Exploded View ( )
Mechanical Diagram ( ) None ( ) Others ( )

Product Month : May. 1998 Serial No. (~ from)

Published by : G.M.Chung Checked by : J. U.Lee Approved by : S.J.Choi

¡á Distribution List and Remarks

* Bulletin No: 98-C/M-E0006

No.	Subsidiary Distributor	Country	Applicable Models or Remark
1	SEA	USA	
2	SLSC	Panama	
3	SESC	U.K	
4	SGSC	UAE	
5	SASC	Singapore	
6	SMSC	Russia	
7	SPSC	China	
8	SECA	Canada	
9	SEM	Mexico	
10	SEDA	Brazil	
11	SEG	Germany	
12	SEF	France	
13	SECOSA	Spain	
14	SEP	Portugal	
15	SESAB	Sweden	
16	SEI	Italy	
17	SEH	Hungary	
18	SEAU	Australia	
19	SAPL	Singapore	
20	SEJ	Japan	

SAMSUNG ELECTRONICS

SERVICE BULLETIN

Product :	Color monitor	Bulletin No. :	98-C/M-E0007
Model :	Syncmaster1000P	Bulletin Date :	May. 19. 1998
Buyer :	SEF, SSA	ECN Date :	May. 18. 1998

SUBJECT : Improvement of highvoltage output TR failure

Background : If you can find any Q504(MJW16212) failure among the set returned to SVC center.
(Symptom) Firstly check the manufacturing date or serial no. and add the parts below.

Cause : We deleted sunbber circuit in Q504 base part to improve noise problem.
as to this, sometime, the high voltage TR(Q504), fails in 106KHz/85Hz mode
for the high temperature in short time.

Solution : Add to capacitor and resistor.

Application Date : May. 18. 1987

(Interchangeability Code : * I.C)

Location No.	OLD (before) Parts		NEW (changed) Parts		*
	SEC Code	Description	SEC Code	Description	I.C
R506	NONE	NONE	2003-000692	R-METAL 4.7 OHM 3W 5	E
C505	NONE	NONE	2305-000421	C-FILM MPEF 47nF 250V	
C507	2303-001023	C-FILM,PPF 2.2nF 2.6KV	2303-000145	C-FILM, PPF, 1nF 2KV	

Type	A type	B type	C type	D type	E type	F type
Interchange Type Code (* I.C)	OLD (Parts) → Early (Prod.) / NEW → Late	OLD (Parts) → Early (Prod.) / NEW → Late	OLD (Parts) ← Early (Prod.) / NEW → Late	OLD (Parts) → Early (Prod.) / NEW → Late	Parts Addition (None ¡æ New)	Parts deletion (Old ¡æ Del.)

Application Reference (O) Only Defected sets ( ) Whole sets ( )

Attachment Schematic Diagram ( ) Component Lay-out ( ) Exploded View ( )
Mechanical Diagram ( ) None ( ) Others (O)

Product Month : May. 1998 Serial No. (~ from)

Published by : G.M.Chung Checked by : J. U.Lee Approved by : S.J.Choi

¡á Additional Information * Bulletin No

Model Information

COUNTRY	MODEL	SERIAL NO.	Q'TY
S/AFRICA	S/M1000P	H3NJ400001~ H3NJ400081	81
SEF	S/M1000P	H3NJ201528~ H3NJ201547	18

The sunbber circuits in Q504 base part was deleted in the upper serial no.
If the Q504 failure happended in the set sunbber circuit was deleted, change Q504 and add parts.

SAMSUNG ELECTRONICS

SERVICE BULLETIN

Product :	Color monitor	Bulletin No. :	98-C/M-E0008
Model :	CSH7839T / CSH9839T	Bulletin Date :	May. 28. 1998
Buyer :	All subsidiaries	ECN Date :	May. 25. 1998

SUBJECT : Improvement of no raster problem.

Background : Sometime no raster problem in main line process.

(Symptom) If you can find no raster failure among the set returned to SVC center.
Firstly check the power LED orange and C665 capacitor.

Cause : C-Ceramic capacitor failure. (Location : C665)
It is caused by internel disk crack of capacitor

Solution : Changed capacitor type.

Application Date : May. 25. 1987

(Interchangeability Code : * I.C)

Location No.	OLD (before) Parts		NEW (changed) Parts		*
	SEC Code	Description	SEC Code	Description	I.C
C665	2201-000443	C-Ceramic Disk 332/50V	2301-000231	C-Pilm,PEF 332/100V	C

Type	A type	B type	C type	D type	E type	F type
Interchange Type Code (* I.C)	OLD (Parts) → Early (Prod.) NEW → Late	OLD (Parts) → Early (Prod.) NEW → Late	OLD (Parts) → Early (Prod.) NEW → Late	OLD (Parts) → Early (Prod.) NEW → Late	Parts Addition (None ¡æ New)	Parts deletion (Old ¡æ Del.)

Application Reference (O) Only Defected sets ( ) Whole sets ( )

Attachment Schematic Diagram ( ) Component Lay-out ( ) Exploded View ( )
Mechanical Diagram ( ) None ( ) Others ( )

Product Month : May. 1998 Serial No. (~ from)

Published by : G.M.Chung Checked by : J. U.Lee Approved by : S.J.Choi

¡á Distribution List and Remarks

* Bulletin No: 98-C/M-E0008

No.	Subsidiary Distributor	Country	Applicable Models or Remark
1	SEA	USA	
2	SLSC	Panama	
3	SESC	U.K	
4	SGSC	UAE	
5	SASC	Singapore	
6	SMSC	Russia	
7	SPSC	China	
8	SECA	Canada	
9	SEM	Mexico	
10	SEDA	Brazil	
11	SEG	Germany	
12	SEF	France	
13	SECOSA	Spain	
14	SEP	Portugal	
15	SESAB	Sweden	
16	SEI	Italy	
17	SHE	Hungary	
18	SEAU	Australia	
19	SAPL	Singapore	
20	SEJ	Japan	

SAMSUNG ELECTRONICS

SERVICE BULLETIN

Product :	Color monitor	Bulletin No. :	98-C / M-E0009
Model :	CSH7839T / CSH9839T	Bulletin Date :	June. 02. 1998
Buyer :	All subsidiaries	ECN Date :	May. 23. 1998

SUBJECT : Improvement of Q407 failure.

Background : If you can find the fail of "no raster" among the sets returned to SVC center.

(Symptom) Firstly check the Q407 and C422 capacity.

Cause : Ringing noise at horizontal drive.

Solution : Improve ringing at horizontal drive condition.

Changed C422 capacity from 3.3nF to 10 nF.

Application Date : May. 26. 1987

(Interchangeability Code : * I.C)

Location No.	OLD (before) Parts		NEW (changed) Parts		*
	SEC Code	Description	SEC Code	Description	I.C
C422	2201-000443	C-Ceramic Disk 3.3nF/50	2201-000163	C-Ceramic Disk,10nF/50	C

Type	A type	B type	C type	D type	E type	F type
Interchange Type Code (* I.C)	OLD → Early, (Parts) (Prod.), NEW → Late	OLD → Early, (Parts) (Prod.), NEW → Late	OLD Early, (Parts) (Prod.), NEW → Late	OLD → Early, (Parts) (Prod.), NEW → Late	Parts Addition (None ¡æ New)	Parts deletion (Old ¡æ Del.)

Application Reference (O) Only Defected sets ( ) Whole sets ( )

Attachment Schematic Diagram ( ) Component Lay-out ( ) Exploded View ( )

Mechanical Diagram ( ) None ( ) Others ( )

Product Month : May. 1998 Serial No. (~ from)

Published by : G.M.Chung Checked by : J. U.Lee Approved by : S.J.Choi

¡á Distribution List and Remarks

* Bulletin No: 98-C/M-E0009

No.	Subsidiary Distributor	Country	Applicable Models or Remark
1	SEA	USA	
2	SLSC	Panama	
3	SESC	U.K	
4	SGSC	UAE	
5	SASC	Singapore	
6	SMSC	Russia	
7	SPSC	China	
8	SECA	Canada	
9	SEM	Mexico	
10	SEDA	Brazil	
11	SEG	Germany	
12	SEF	France	
13	SECOSA	Spain	
14	SEP	Portugal	
15	SESAB	Sweden	
16	SEI	Italy	
17	SHE	Hungary	
18	SEAU	Australia	
19	SAPL	Singapore	
20	SEJ	Japan	

SAMSUNG ELECTRONICS

SERVICE BULLETIN

Product :	Color monitor	Bulletin No. :	98-C/M-E0010
Model :	CSH7839T / CSH9839T	Bulletin Date :	July. 08. 1998
Buyer :	All subsidiaries	ECN Date :	

SUBJECT : Different parts code for CSH chassis

Background : Different parts code for CSH chassis by CRT maker

(Symptom) ¡Ø S-project

Cause :

Solution : When it is changed to other CRT which was made by other manufacturer.
Please change parts according to attached defferent parts list.

Application Date :

(Interchangeability Code : * I.C)

Location No.	OLD (before) Parts		NEW (changed) Parts		*
	SEC Code	Description	SEC Code	Description	I.C

Type	A type	B type	C type	D type	E type	F type
Interchange Type Code (* I.C)	OLD (Parts) → Early (Prod.) / NEW → Late	OLD (Parts) → Early (Prod.) / NEW → Late	OLD (Parts) ← Early (Prod.) / NEW → Late	OLD (Parts) → Early (Prod.) / NEW → Late	Parts Addition (None ¡æ New)	Parts deletion (Old ¡æ Del.)

Application Reference (O) Only Defected sets ( ) Whole sets ( )

Attachment Schematic Diagram ( ) Component Lay-out ( ) Exploded View ( )
Mechanical Diagram ( ) None ( ) Others (0)

Product Month : April. 1998 Serial No. (~ from)

Published by : G.M.Chung Checked by : J. U.Lee Approved by : S.J.Choi

Different Part List by CRT Maker

LOC	S-19" CSH9839 (SDD/HITACHI)	S-19" CSH9839 (TOSHIBA)	S-17" CSH7839 (SDD/TOSHIBA)
JP972	2.2§Ù1W / 2003-000554	1.2§Ù1W / 2003-000419	SDD : 2.2§Ù1W/2003-000554 TSB : 1.5§Ù2W/2003-000437
R210	100§Ù1/6W / 2001-000029	2.7§Ú1/6W / 2001-000051	100§Ù1/6W / 2001-000029
R275	NONE	24§Ú1/6W / 2001-000538	NONE
R233	15§Ú1/6W,CF / 2001-000367	15§Ú1/6W,CF / 2001-000367	22§Ú1/6W,CF / 2001-000072
R235	4.7§Ú1/6W / 2001-000056	4.7§Ú1/6W / 2001-000056	3.0§Ú1/6W / 2001-000715
R264	75§Ú1/6W / 2001-000963	43§Ú1/6W / 2001-000765	75§Ú1/6W / 2001-000963
R333	120§Ú1/6W / 2001-000088	100§Ú1/6W / 2001-000086	120§Ú1/6W / 2001-000088
L402	47mH / BH26-30338B	47mH / BH26-30338B	85mH / BH26-30338B
C429	NONE	NONE	220pF 1KV CER. /2201-000012
C430	150nF 400V MPP/2306-000134	120nF 250V MPP/2306-000125	150nF 250V MPP/2306-000131
C431	100nF 400V MPP/2306-000121	100nF 400V MPP/2306-000121	150nF 250V MPP/2306-000131
C435	150nF 250V MPP/2306-000131	150nF 250V MPP/2306-000131	120nF 250V MPP/2306-000125
C441	330nF 5% 400V/2306-000187	330nF 5% 400V/2306-000187	330nF 5% 400V/2306-000187
R417	20§Ú 1/6W / 2001-000496	18§Ú 1/6W / 2001-000108	20§Ú 1/6W / 2001-000496
T402	BH26-30338F	BH26-30338R	BH26-30338F
JP974	NONE	NONE	INSERT
T502	BH26-10335H(SEMCO) BH26-10335K(HITACHI)	BH26-10335S(GP-CHASSIS)	BH26-10335H(SEMCO) BH26-10335K(HITACHI)
R562	6.2§Ú 1/6W / 2001-000877	6.2§Ú 1/6W / 2001-000877	4.7§Ú 1/6W / 2001-000056
R561	4.7§Ú 1/6W / 2001-000056	3.3§Ú 1/6W / 2001-000053	6.2§Ú 1/6W / 2001-000877
R559	470§Ú 1/2W / 2001-001150	330§Ú 1/2W / 2001-001129	470§Ú 1/2W / 2001-001150
D601	RBV606 600V 6A / 0402-000549	RBV606 600V 6A / 0402-000549	D3SBA60 600V 4A/0402-000104
JP891	SDD : INSERT HITACHI : NONE	TSB : INSERT	NONE
TILT CON.	SDD:3711-000194 HITACHI:3711-000448	3711-000194	3711-000194
CDT	HITACHI:BH03-10339S SDD:BH03-10339R	BH03-10340C	SDD:BH03-10339A TOSHIBA:BH03-10339L
JP866 JP647	JP866:HITACHI FBT->INSERT JP647:SEMCO FBT -> INSERT	JP866:HITACHI FBT->INSERT JP647:SEMCO FBT -> NONE	JP866:HITACHI FBT->INSERT JP647:SEMCO FBT -> INSERT
V-DY CON.	HITACHI :BH39-40364K SDD : NONE	NONE	BH39-40364K

Remark
WHITE BALANCE
WHITE BALANCE
ACL
H-LINEARITY
BARRIAL
V-FOCUS
H-LINEARITY COIL
Ringing
S-CAP.
S-CAP.
S-CAP.
S-CAP.
H-SIZE
TCO TRANS
MAIN REV1.3¡è
FBT
V-FOCUS
V-FOCUS
V-FOCUS
DIODE-BRIDGE
CRT
CRT
CRT
OPTION BY FBT MAKER

¡á *Distribution List and Remarks*

** Bulletin No: 98-C/M-E0010*

No.	Subsidiary Distributor	Country	Applicable Models or Remark
1	SEA	USA	
2	SLSC	Panama	
3	SESC	U.K	
4	SGSC	UAE	
5	SASC	Singapore	
6	SMSC	Russia	
7	SPSC	China	
8	SECA	Canada	
9	SEM	Mexico	
10	SEDA	Brazil	
11	SEG	Germany	
12	SEF	France	
13	SECOSA	Spain	
14	SEP	Portugal	
15	SESAB	Sweden	
16	SEI	Italy	
17	SHE	Hungary	
18	SEAU	Australia	
19	SAPL	Singapore	
20	SEJ	Japan	

SAMSUNG ELECTRONICS

SERVICE BULLETIN

Product :	Color monitor	Bulletin No. :	98-C/M-E0011
Model :	CSH7839T / CSH9839T	Bulletin Date :	July. 11. 1998
Buyer :	All subsidiaries	ECN Date :	

SUBJECT : Information of PBA Ass'y code

Background : Different PBA Ass'y code by each CRT maker.

(Symptom) If you need PBA Ass'y for service, Please order according to the attached table.

Cause :

Solution : See attached table

Application Date : None

(Interchangeability Code : * I.C)

Location No.	OLD (before) Parts		NEW (changed) Parts		*
	SEC Code	Description	SEC Code	Description	I.C
		None			

Type	A type	B type	C type	D type	E type	F type
Interchange Type Code (* I.C)	OLD → Early, (Parts) (Prod.), NEW → Late	OLD → Early, (Parts) (Prod.), NEW → Late	OLD Early, (Parts) (Prod.), NEW → Late	OLD → Early, (Parts) (Prod.), NEW → Late	Parts Addition (None ¡æ New)	Parts deletion (Old ¡æ Del.)

Application Reference (O) Only Defected sets ( ) Whole sets ( )

Attachment Schematic Diagram ( ) Component Lay-out ( ) Exploded View ( )
Mechanical Diagram ( ) None ( ) Others (0)

Product Month : April. 1998 Serial No. (~ from)

Published by : G.M.Chung Checked by : J. U.Lee Approved by : S.J.Choi

¡á *Additional Information* * *Bulletin No: 98-C/M-E0011*

1. PBA Ass'y code

a> CSH7839 (17 Inch)

CRT Maker	Main Ass'y Code	Video Ass'y Code
SDD	BH98-10011B	CSH7839T / BH98-20004T
TOSHIBA	BH98-10012E	CSH7839T / BH98-20004T

b> CSH9839 (19 Inch)

CRT Maker	Main Ass'y Code	Video Ass'y Code
SDD	BH98-10011K	CSH9839T1A / BH98-20003V
HITACHI	BH98-10011U	CSH9839TD / BH98-20004X
TOSHIBA	BH98-10013W	CSH9839T1D / BH98-20005U

2. Micom IC (IC201)

MODEL	OLD (OTP IC)	NEW (MASKING IC)
CSH7839	0903-001063 (CSH-03)	BH09-10304G (CSH-03)
CSH9839	0903-001063 (CSH-03)	BH09-10304G (CSH-03)
Application Date	~ JUNE. 10.1998	JUNE. 11. 1998 ~

¡Ø If you need micom IC ,order Masking IC

3. Video IC

MODEL	Location IC01	Location IC02
CSH7839	M52748SP / 1201-001287	VPS14 / BH13-10335P
CSH9839	M52748SP / 1201-001287	VPS14 / BH13-10335P

¡á Distribution List and Remarks

Bulletin No: 98-C/M-E0011

No.	Subsidiary Distributor	Country	Applicable Models or Remark
1	SEA	USA	
2	SLSC	Panama	
3	SESC	U.K	
4	SGSC	UAE	
5	SASC	Singapore	
6	SMSC	Russia	
7	SPSC	China	
8	SECA	Canada	
9	SEM	Mexico	
10	SEDA	Brazil	
11	SEG	Germany	
12	SEF	France	
13	SECOSA	Spain	
14	SEP	Portugal	
15	SESAB	Sweden	
16	SEI	Italy	
17	SHE	Hungary	
18	SEAU	Australia	
19	SAPL	Singapore	
20	SEJ	Japan	

SAMSUNG ELECTRONICS

SERVICE BULLETIN

Product :	Color monitor	Bulletin No. :	98-C / M-E0012
Model :	CKE5507* / 500s Plus	Bulletin Date :	July. 10. 1998
Buyer :	All subsidiaries	ECN Date :	

SUBJECT : Different parts code for CKE chassis

Background : Different parts code for CKE chassis by CRT maker

(Symptom) ¡Ø G¥±-project

Cause :

Solution : When it is changed to other CRT which was made by other manufacturer.
Please change parts according to attached defferent parts list.

Application Date :

(Interchangeability Code : * I.C)

Location No.	OLD (before) Parts		NEW (changed) Parts		* I.C
	SEC Code	Description	SEC Code	Description	

Type	A type	B type	C type	D type	E type	F type
Interchange Type Code (* I.C)	OLD (Parts) → Early (Prod.) / NEW → Late	OLD (Parts) → Early (Prod.) / NEW → Late	OLD (Parts) → Early (Prod.) / NEW → Late	OLD (Parts) → Early (Prod.) / NEW → Late	Parts Addition (None ¡æ New)	Parts deletion (Old ¡æ Del.)

Application Reference (O) Only Defected sets ( ) Whole sets ( )

Attachment Schematic Diagram ( ) Component Lay-out ( ) Exploded View ( )
Mechanical Diagram ( ) None ( ) Others (0)

Product Month : April. 1998 Serial No. (~ from)

Published by : B.W.Park Checked by : J. U.Lee Approved by : S.J.Choi

¡á Additional Information

* Bulletin No: 98-C/M-E0012

Different Part List by CRT Maker

LOC	SYNCMASTER500s Plus CKE5507 TSB Mini-Neck CDT	SYNCMASTER500s Plus CKE5507 SDD Mini-Neck CDT		Remark
L401	BH27-20344T LIN-COIL 8.6uH	BH27-20309T LIN-COIL 5.2uH		H-Linearity for SDD
R502	2001-000115 R-CF 82K 1/4W	2001-000906 R-CF 62K 1/4W		G2 Voltage Spec.
R605	2004-000979 R-MF 47K 1/4W	2004-000947 R-MF 43K 1/4W		Heater voltage Spec.
R609	2004-000498 R-MF 2.7K 1/4W	2004-000481 R-MF 2.4K 1/4W		
C410	2201-000105 C-CER 500V 122K	2201-000291 C-CER 500V 102J		Improve ringing for SDD
C418	2303-000005 C-PP 39nF 250V	2301-001208 C-PP 27nF 250V		Improve Focus for SDD
R547	2003-000756 R-MO 6.8K 3W	2003-000721 R-MO 5.6K 3W		
TCO	BH39-40365K KE-TCO ASS'Y	BH39-40365Q KE-SDD TCO ASS'Y		TCO for SDD CDT
F/SHIELD	X	BH75-10512J KE-SDD F/SHIELD		
C607	2201-000024 C-CER 250VAC 47	2201-000313 C-CER 250VAC 222		EMI
C608	2201-000024 C-CER 250VAC 47	2201-000313 C-CER 250VAC 222		
R104R	2001-000021 R-CF 27 1/4W	2001-000061 R-CF 33 1/4W		
R104G	2001-000021 R-CF 27 1/4W	2001-000025 R-CF 75 1/4W		
R104B	2001-000021 R-CF 27 1/4W	2001-000061 R-CF 33 1/4W		
C128	2201-000291 C-CER 500V 102J	2201-000016 C-CER 500V 222K		
Bottom-side	X	2201-000177 C-CER 50V 103Z	C129 s two bottom leads	
Shield-VIDEO	BH75-10543A Shield-CRT,PCB;CKA4227L	BH75-10543B Shield-CRT,PCB;CKE5507L		
SK103	3704-001042 TSB MINI-NECK	3704-001081 SDD MINI-NECK		CRT-SOCKET

*CDT MAKER FOR ASS'Y CODE NO.

Ietm	Toshiba	SDD
MPR ¥±	BH94-30011C	BH94-30013D
RUSSIA	BH94-30011Q	BH94-30013M
MULTI	BH94-30011Z	BH94-30013P
TCO	BH94-30011L	BH94-30013F

¡á Distribution List and Remarks

*** Bulletin No: 98-C/M-E0012**

No.	Subsidiary Distributor	Country	Applicable Models or Remark
1	SEA	USA	
2	SLSC	Panama	
3	SESC	U.K	
4	SGSC	UAE	
5	SASC	Singapore	
6	SMSC	Russia	
7	SPSC	China	
8	SECA	Canada	
9	SEM	Mexico	
10	SEDA	Brazil	
11	SEG	Germany	
12	SEF	France	
13	SECOSA	Spain	
14	SEP	Portugal	
15	SESAB	Sweden	
16	SEI	Italy	
17	SHE	Hungary	
18	SEAU	Australia	
19	SAPL	Singapore	
20	SEJ	Japan	

SAMSUNG ELECTRONICS

SERVICE BULLETIN

Product :	Color monitor	Bulletin No. :	98-C / M-E0013
Model :	CKF5607 / 500b Plus	Bulletin Date :	July. 10. 1998
Buyer :	All subsidiaries	ECN Date :	

SUBJECT : Different parts code for CKF chassis

Background : Different parts code for CKF chassis by CRT maker

(Symptom) ¡Ø G¥±-project

Cause :

Solution : When it is changed to other CRT which was made by other manufacturer.
Please change parts according to attached defferent parts list.

Application Date :

(Interchangeability Code : * I.C)

Location No.	OLD (before) Parts		NEW (changed) Parts		* I.C
	SEC Code	Description	SEC Code	Description	

Type	A type	B type	C type	D type	E type	F type
Interchange Type Code (* I.C)	OLD (Parts) → Early (Prod.) / NEW → Late	OLD (Parts) → Early (Prod.) / NEW → Late	OLD (Parts) → Early (Prod.) / NEW → Late	OLD (Parts) → Early (Prod.) / NEW → Late	Parts Addition (None ¡æ New)	Parts deletion (Old ¡æ Del.)

Application Reference (O) Only Defected sets ( ) Whole sets ( )

Attachment Schematic Diagram ( ) Component Lay-out ( ) Exploded View ( )
Mechanical Diagram ( ) None ( ) Others (0)

Product Month : April. 1998 Serial No. (~ from)

Published by : B.W.Park Checked by : J. U.Lee Approved by : S.J.Choi

¡á *Additional Information*

* Bulletin No: 98-C/M-E0013

CKF5607/500b Plus

Different Part List by CRT Maker

LOC	SYNCMASTER500b Plus / CKF5607 SDD Mini-Neck CDT		SYNCMASTER500b Plus / CKF5607 TSB Mini-Neck CDT		Remark
	TCO	MPR ¥±	TCO	MPR ¥±	
R540	12OK 1/4W		75K 1/4W		
CRT Socket	3704-001042		3704-001081		
G2 Volt.	610V +/- 10V		560V +/- 10V		
RL601	3501-000266 (12V, 720mV	3501-000136(15V, 360m	3501-000266 (12V, 720mV)	3501-000136 (15V, 360mV)	
JP141	N/T	BH39-40305U	N/T	BH39-40305U	
CN606	3711-000178	N/T	371-000178	N/T	
T402	BH26-30337C	BH26-30337K	BH26-30337C	BH26-30337K	
TCO Sensor	BH39-40365V	N/T	BH39-40365C	N/T	
LMF Sheet	BH72-10348A	N/T	BH72-10348A	N/T	
Wafer(3pin)	3711-000024	N/T	3711-000024	N/T	
LMF Label M	BH68-20003N	N/T	BH68-20003N	N/T	
Cable Tie	6501-000004(2ea)	N/T	6501-000004(2ea)	N/T	

*CDT MAKER FOR ASS'Y CODE NO.

Item	TSB	SDD
ASS'Y PCB	BH94-30011T	BH94-30013R
ASS'Y PCB M	BH98-10011N	BH98-10013J
ASS'Y PCB V	BH98-20004N	BH98-20005D

¡á Distribu *CKF5607/500b Plus* * Bulletin No: 98-C/M-E0013

No.	Subsidiary Distributor	Country	Applicable Models or Remark
1	SEA	USA	
2	SLSC	Panama	
3	SESC	U.K	
4	SGSC	UAE	
5	SASC	Singapore	
6	SMSC	Russia	
7	SPSC	China	
8	SECA	Canada	
9	SEM	Mexico	
10	SEDA	Brazil	
11	SEG	Germany	
12	SEF	France	
13	SECOSA	Spain	
14	SEP	Portugal	
15	SESAB	Sweden	
16	SEI	Italy	
17	SHE	Hungary	
18	SEAU	Australia	
19	SAPL	Singapore	
20	SEJ	Japan	

SAMSUNG ELECTRONICS

SERVICE BULLETIN

Product :	Color monitor	Bulletin No. :	98-C/M-E0014
Model :	CKA4217 / 14"(CKA) All Model	Bulletin Date :	July. 13. 1998
Buyer :	All subsidiaries	ECN Date :	January. 16. 1998

SUBJECT : Different parts code for CKA chassis

Background : Different parts code for CKA chassis by CRT maker

(Symptom) ¡Ø I-project

Cause :

Solution : When it is changed to other CRT which was made by other manufacturer.
Please change parts according to attached defferent parts list.

Application Date :

(Interchangeability Code : * I.C)

Location No.	OLD (before) Parts		NEW (changed) Parts		*
	SEC Code	Description	SEC Code	Description	I.C

Type	A type	B type	C type	D type	E type	F type
Interchange Type Code (* I.C)	OLD (Parts) → Early (Prod.) / NEW → Late	OLD (Parts) → Early (Prod.) / NEW → Late	OLD (Parts) → Early (Prod.) / NEW → Late	OLD (Parts) → Early (Prod.) / NEW → Late	Parts Addition (None ¡æ New)	Parts deletion (Old ¡æ Del.)

Application Reference (O) Only Defected sets ( ) Whole sets ( )

Attachment Schematic Diagram ( ) Component Lay-out ( ) Exploded View ( )
Mechanical Diagram ( ) None ( ) Others (0)

Product Month : AUG. 1997 Serial No. (~ from)

Published by : B.W.Park Checked by : J. U.Lee Approved by : S.J.Choi

Different Part List by CRT Maker

LOC	CKA4217 SDD	CKA4217 ORION	
CRT	BH03-10338J M34QBH351X122	BH03-10337Z M34KZM16XX61(A)	
C422	2306-000171 C-MPP 270nF 250V	2306-000171 C-MPP 270nF 250V	
C423	2301-001125 C-MPP 600nF 250V	2306-000249 C-MPP 680nF 250V	
C424	2306-000249 C-MPP 680nF 250V	2306-000249 C-MPP 680nF 250V	
L401	BH27-20003A (4.4uH) 0.06ohm, 0.15.DR-1415.IVORY	BH27-20309T (5.2uH) 0.06ohm,-. 16.5*16.5*30,B.	
R215	2001-000069 12K 5% 1/6W	2001-000069 12K 5% 1/6W	
R432	2001-000086 100K 5% 1/6W	2001-000086 100K 5% 1/6W	
R434	2001-000562 27K 5% 1/6W	2001-000562 27K 5% 1/6W	
R436	Delete	Delete	
R520	2001-000115 82K 5% 1/4W	2001-000078 56K 5% 1/4W	
R622	2003-000005 1ohm 5% 2W	2003-000005 1ohm 5% 2W	
JP209	BH39-40305U 52mm,AWG22(0.6F	BH39-40305U 52mm,AWG22(0.6PI)	
JP14	BH39-40305U 52mm AWG22(0.6F	BH39-40305U 52mm AWG22(0.6PI)	
JP15	Delete	Delete	
R212	Delete	Delete	
R410	2003-000587 R-MO 22ohm 1W	2003-000587 R-MO 22ohm 1W	
R521	2001-000114 180K 5% 1/2W	2001-00107 150K 5% 1/2W	
CN304	Delete	Delete	
D-COIL	BH27-10335T Degaussing290*200*980,10.2mH	BH27-10335T Degaussing290*200*980,10.2mH	
GND-ASS'Y	BH39-40362A 2P,410mm,BLK, UL1015,AWG18	BH39-40362A 2P,410mm,BLK, UL1015,AWG18	
Signal-Cable	BH39-20336S ATT,120mm,15P,IVROY,UL2969	BH39-20336S ATT,120mm,15P,IVROY,UL2969	

JLLETIN

Io: 98-C/M-E0014

Remark
CRT
S-CORRECTION
H--Linearity
H-size Regulation
G1 Voltage Control
Heater Resistor
Mode Select
CRT Inch Select
Micom Detect
H-Drive Resistor
Moire Detect
W/Tilt D-coil
MPR-¥±
GND Ass'y
MINI TIE 14" : White, 15" :RED

¡á Distribution List and Remarks

* Bulletin No: 98-C/M-E0014

No.	Subsidiary Distributor	Country	Applicable Models or Remark
1	SEA	USA	
2	SLSC	Panama	
3	SESC	U.K	
4	SGSC	UAE	
5	SASC	Singapore	
6	SMSC	Russia	
7	SPSC	China	
8	SECA	Canada	
9	SEM	Mexico	
10	SEDA	Brazil	
11	SEG	Germany	
12	SEF	France	
13	SECOSA	Spain	
14	SEP	Portugal	
15	SESAB	Sweden	
16	SEI	Italy	
17	SHE	Hungary	
18	SEAU	Australia	
19	SAPL	Singapore	
20	SEJ	Japan	

SAMSUNG ELECTRONICS

SERVICE BULLETIN

Product :	Color monitor	Bulletin No. :	98-C/M-E0015
Model :	CKA5227 / SAMTRON5Ei	Bulletin Date :	July. 13. 1998
Buyer :	All subsidiaries	ECN Date :	January. 16. 1998

SUBJECT : Different parts code for CKA chassis

Background : Different parts code for CKA chassis by CDT Maker

(Symptom) ¡Ø I-project

Cause :

Solution : When it is changed to other CRT which was made by other manufacturer.
Please change parts according to attached defferent parts list.

Application Date :

(Interchangeability Code : * I.C)

Location No.	OLD (before) Parts		NEW (changed) Parts		*
	SEC Code	Description	SEC Code	Description	I.C

Type	A type	B type	C type	D type	E type	F type
Interchange Type Code (* I.C)	OLD (Parts) → Early (Prod.) / NEW → Late	OLD (Parts) → Early (Prod.) / NEW → Late	OLD (Parts) ← Early (Prod.) / NEW → Late	OLD (Parts) → Early (Prod.) / NEW → Late	Parts Addition (None ¡æ New)	Parts deletion (Old ¡æ Del.)

Application Reference (O) Only Defected sets ( ) Whole sets ( )

Attachment Schematic Diagram ( ) Component Lay-out ( ) Exploded View ( )
Mechanical Diagram ( ) None ( ) Others (0)

Product Month : AUG. 1997 Serial No. (~ from)

Published by : B.W.Park Checked by : J. U.Lee Approved by : S.J.Choi

¡á Additional Information

* Bulletin No: 98-C/M-E0015

Different Part List by Inch

LOC	SAMTRON5Ei CKA5227 SDD	SAMTRON5Ei CKA5227 PHILIPS		Remark
CRT	BH03-10337W M36KUK35X02(E/LP)	BH03-10335X M36EDR320X151		CRT
C422	2306-000137 C-MPP 180nF 250V	2306-000171 C-MPP 270nF 250V		S-Correction
C423	2306-000197 C-MPP 390nF 250V	2306-000007 C-MPP 470nF 250V		
C424	2301-001159 C-MPP 540nF 250V	2306-000234 C-MPP 560nF 250V		
L401	BH27-20344K (6.2uH) 6.2uH,20%,DR14*15,BULK	BH27-20003A (4.4uH) 0.06ohm,0.15.DR-1415,IVORY		H-Linearity coil
R215	2001-000108 18K 1/6W	2001-000108 18K 1/6W		H-Size Regulation
R432	2001-000090 180K 1/6W	2001-000090 180K 1/6W		
R434	2001-000538 24K 1/6W	2001-000538 24K 1/6W		
R436	2001-000963 75K 1/6W	2001-000836 51K 1/6W		
R520	2001-000115 82K 1/4W	2001-000115 82K 1/4W		G1 Voltage control
R622	2003-000631 3.3ohm 3W	2003-000631 3.3ohm 3W		Heater Resistor
JP209	Delete	Delete		Mode Select
J14	Delete	Delete		CRT INCH Select
J15	BH39-40305U 52mm, AWG22(0.6PI)	BH39-40305U 52mm, AWG22(0.6PI)		
R212	2001-000562 27K 1/6W	2001-000562 27K 1/6W		Micom Detect
R410	2003-000587 R-MO 33ohm 1W	2003-000276 R-MO 33ohm 1W		H-Drive Resistor
R521	2001-000107 150K 1/2W	2001-000107 150K 1/2W		Moire Detect
CN304	3711-000197 Connector-Header:1WALL,3P,1R	3711-000197 Connector-Header:1WALL,3P,1R		W/TILT D-COIL
D-COIL	BH27-10335S Degaussing255*255*980, 11.0mH	BH27-10335S Degaussing255*255*980, 11.0mH		MPR-¥±
GND-Ass'y	BH39-40361Z 2P,800mm,Gray,UL1571,AWG28	BH39-40361Z 2P,800mm,Gray,UL1571,AWG28		GND Ass'y
Signal-Cable	BH39-20336T ATT,150mm,15P,Ivory,UL2969	BH39-20336T ATT,150mm,15P,Ivory,UL2969		MINI TIE 14":White, 15":RED

¡á Distribution List and Remarks

* Bulletin No: 98-C/M-E0015

No.	Subsidiary Distributor	Country	Applicable Models or Remark
1	SEA	USA	
2	SLSC	Panama	
3	SESC	U.K	
4	SGSC	UAE	
5	SASC	Singapore	
6	SMSC	Russia	
7	SPSC	China	
8	SECA	Canada	
9	SEM	Mexico	
10	SEDA	Brazil	
11	SEG	Germany	
12	SEF	France	
13	SECOSA	Spain	
14	SEP	Portugal	
15	SESAB	Sweden	
16	SEI	Italy	
17	SHE	Hungary	
18	SEAU	Australia	
19	SAPL	Singapore	
20	SEJ	Japan	

SAMSUNG ELECTRONICS

SERVICE BULLETIN

Product :	Color monitor	Bulletin No. :	98-C/M-E0016
Model :	CKA4217 / CKA5227	Bulletin Date :	July. 13. 1998
Buyer :	All subsidiaries	ECN Date :	January. 16. 1998

SUBJECT : Different parts code for CKA chassis

Background : Different parts code for CKA chassis by INCH

(Symptom) ¡Ø I-project(KA 14"/15")

Cause :

Solution : When it is changed to other CRT which was made by other manufacturer.
Please change parts according to attached defferent parts list.

Application Date :

(Interchangeability Code : * I.C)

Location No.	OLD (before) Parts		NEW (changed) Parts		*
	SEC Code	Description	SEC Code	Description	I.C

Type	A type	B type	C type	D type	E type	F type
Interchange Type Code (* I.C)	OLD (Parts) → Early (Prod.) NEW → Late	OLD (Parts) → Early (Prod.) NEW → Late	OLD (Parts) → Early (Prod.) NEW → Late	OLD (Parts) → Early (Prod.) NEW → Late	Parts Addition (None ¡æ New)	Parts deletion (Old ¡æ Del.)

Application Reference (O) Only Defected sets ( ) Whole sets ( )

Attachment Schematic Diagram ( ) Component Lay-out ( ) Exploded View ( )
Mechanical Diagram ( ) None ( ) Others (0)

Product Month : AUG. 1997 Serial No. (~ from)

Published by : B.W.Park Checked by : J. U.Lee Approved by : S.J.Choi

¡á Additional Information

* Bulletin No: 98-C/M-E0016

Different Part List by Inch

LOC	CKA-Chassis 14" SDD	CKA-Chassis 15" SDD		Remark
CRT	BH03-10338J M34QBH351X122	BH03-10337W M36KUK35X02(E/LP)		CRT
C422	2306-000171 C-MPP 270nF 250V	2306-000137 C-MPP 180nF 250V		S-Correction
C423	2301-001125 C-MPP 600nF 250V	2306-000197 C-MPP 390nF 250V		
C424	2306-000249 C-MPP 680nF 250V	2301-001159 C-MPP 540nF 250V		
L401	BH27-20003A (4.4uH) 0.06ohm,0.15.DR-1415,IVORY	BH27-20344K (6.2uH) 6.2uH,20%,DR14*15,BULK		H-Linearity Coil
R215	2001-000069 12K 1/6W	2001-000108 18K 1/6W		H-Size Regulation
R432	2001-000086 100K 1/6W	2001-000090 180K 1/6W		
R434	2001-000562 27K 1/6W	2001-000538 24K 1/6W		
R436	Delete	2001-000963 75K 1/6W		
R622	2003-000005 1ohm 2W	2003-000631 3.3ohm 3W		Heater Resistor
JP209	BH39-40305U 52mm AWG22(0.6PI)	Delete		Mode Select
J14	BH39-40305U 52mm AWG22(0.6PI)	Delete		CRT Inch Select
J15	Delete	BH39-40305U 52mm, AWG22(0.6PI)		
R212	Delete	2001-000562 27K 1/6W		Micom Detect
R410	2003-000587 R-MO 22ohm 1W	2003-000276 R-MO 33ohm 1W		H-Drive Resistor
R521	2001-000114 180K 1/2W	2001-000107 150K 1/2W		Moire Detect
CN304	Delete	3711-000197 Connector-Header 1Wall,3P,1R		W/TILT D-COIL
D-COIL	BH27-10335T Degaussing290*200*980,10.2mH	BH27-10335S Degaussing255*255*980, 11.0mH		MPR-¥±
GND Ass'y	BH39-40362A 2P,410mm,BLK,UL1015,AWG18	BH39-40361Z 2P,800mm,Gray,UL1571,AWG28		GND Ass'y
Signal-Cable	BH39-20336S ATT,1200mm,15P, Ivory,UL2969	BH39-20336T ATT,1500mm,15P,Ivory,UL2969		MINI TIE 14":White, 15":RED

¡á Distribution List and Remarks

* Bulletin No: 98-C/M-E0016

No.	Subsidiary Distributor	Country	Applicable Models or Remark
1	SEA	USA	
2	SLSC	Panama	
3	SESC	U.K	
4	SGSC	UAE	
5	SASC	Singapore	
6	SMSC	Russia	
7	SPSC	China	
8	SECA	Canada	
9	SEM	Mexico	
10	SEDA	Brazil	
11	SEG	Germany	
12	SEF	France	
13	SECOSA	Spain	
14	SEP	Portugal	
15	SESAB	Sweden	
16	SEI	Italy	
17	SHE	Hungary	
18	SEAU	Australia	
19	SAPL	Singapore	
20	SEJ	Japan	

SAMSUNG ELECTRONICS

SERVICE BULLETIN

Product :	Color monitor	Bulletin No. :	98-C/M-E0018
Model :	CSH7839T / CSH9839T	Bulletin Date :	July. 20. 1998
Buyer :	All subsidiaries	ECN Date :	July. 15. 1998

SUBJECT : Countermeasure for OSD peaking problem

Background : To improve OSD peaking problem in the line process.

(Symptom)

Cause : Mismatched inductance of OSD IC circuit.

Solution : Change L102 from 100uH to 150uH

Application Date : July. 15. 1998

(Interchangeability Code : * I.C)

Location No.	OLD (before) Parts		NEW (changed) Parts		*
	SEC Code	Description	SEC Code	Description	I.C
L102	2701-000002	100uH,10%,4.2 X 9.8m/r	2701-000124	150uH,10%,4.2 X 9.8m/r	C

Type	A type	B type	C type	D type	E type	F type
Interchange Type Code (* I.C)	OLD (Parts) → Early (Prod.) / NEW → Late	OLD (Parts) → Early (Prod.) / NEW → Late	OLD (Parts) → Early (Prod.) / NEW → Late	OLD (Parts) → Early (Prod.) / NEW → Late	Parts Addition (None ¡æ New)	Parts deletion (Old ¡æ Del.)

Application Reference ( ) Only Defected sets (O) Whole sets ( )

Attachment Schematic Diagram ( ) Component Lay-out ( ) Exploded View ( )
Mechanical Diagram ( ) None (O) Others ( )

Product Month : July. 1998 Serial No. (~ from)

Published by : G.M.Chung Checked by : J.U.Lee Approved by : S.J. Choi

¡á Distribution List and Remarks

* Bulletin No: 98-C/M-E0018

No.	Subsidiary Distributor	Country	Applicable Models or Remark
1	SEA	USA	
2	SLSC	Panama	
3	SESC	U.K	
4	SGSC	UAE	
5	SASC	Singapore	
6	SMSC	Russia	
7	SPSC	China	
8	SECA	Canada	
9	SEM	Mexico	
10	SEDA	Brazil	
11	SEG	Germany	
12	SEF	France	
13	SECOSA	Spain	
14	SEP	Portugal	
15	SESAB	Sweden	
16	SEI	Italy	
17	SHE	Hungary	
18	SEAU	Australia	
19	SAPL	Singapore	
20	SEJ	Japan	

SAMSUNG ELECTRONICS

SERVICE BULLETIN

Product :	Color monitor	Bulletin No. :	98-C/M-E0019
Model :	CSH7839T / CSH9839T	Bulletin Date :	Aug. 24. 1998
Buyer :	All subsidiaries	ECN Date :	Aug. 13. 1998

SUBJECT : Information of multi part code

Background : If you need Q501 for service, Please order the new or old parts.

(Symptom)

Cause : Multi listing

Solution : Multi listing

Application Date : Aug. 25. 1998

(Interchangeability Code : * I.C)

Location No.	OLD (before) Parts		NEW (changed) Parts		* I.C
	SEC Code	Description	SEC Code	Description	
Q501	0505-001136	IRF610A	0505-000005	2SK2141	A

Type	A type	B type	C type	D type	E type	F type
Interchange Type Code (* I.C)	OLD (Parts) NEW / Early (Prod.) Late	OLD (Parts) NEW / Early (Prod.) Late	OLD (Parts) NEW / Early (Prod.) Late	OLD (Parts) NEW / Early (Prod.) Late	Parts Addition (None ¡æ New)	Parts deletion (Old ¡æ Del.)

Application Reference (O) Only Defected sets ( ) Whole sets ( )

Attachment Schematic Diagram ( ) Component Lay-out ( ) Exploded View ( )
Mechanical Diagram ( ) None ( ) Others (0)

Product Month : April. 1998 Serial No. (~ from)

Published by : G.M.Chung Checked by : J. U.Lee Approved by : S.J.Choi

¡á Distribution List and Remarks

* Bulletin No: 98-C/M-E0019

No.	Subsidiary Distributor	Country	Applicable Models or Remark
1	SEA	USA	
2	SLSC	Panama	
3	SESC	U.K	
4	SGSC	UAE	
5	SASC	Singapore	
6	SMSC	Russia	
7	SPSC	China	
8	SECA	Canada	
9	SEM	Mexico	
10	SEDA	Brazil	
11	SEG	Germany	
12	SEF	France	
13	SECOSA	Spain	
14	SEP	Portugal	
15	SESAB	Sweden	
16	SEI	Italy	
17	SHE	Hungary	
18	SEAU	Australia	
19	SAPL	Singapore	
20	SEJ	Japan	

SAMSUNG ELECTRONICS

SERVICE BULLETIN

Product :	Color monitor	Bulletin No. :	98-C/M-E0020
Model :	Syncmaster 1000P	Bulletin Date :	Sep. 04. 1998
Buyer :	All subsidiaries	ECN Date :	Aug. 25. 1998

SUBJECT : Information of CRT

Background : We are change the CRT for S/M1000P model.

(Symptom) The same FOS quality compared to previous CRT and same functionals.
If you need CRT for service, Please order the new CRT.

Cause : Phosphor line up is changed for the Panasonic CRT Maker.
It's only modification phosphor from convention <semi tint> type to crystal <dark tint> type

Solution : Applied new CRT in field SVC for all of units , and don't modify other parts.

Application Date : Aug. 26. 1998

(Interchangeability Code : * I.C)

Location No.	OLD (before) Parts		NEW (changed) Parts		*
	SEC Code	Description	SEC Code	Description	I.C
CRT	BH03-10335V	M51KYY511X52	BH03-10335V	M51KYY511X52-C	B

Type	A type	B type	C type	D type	E type	F type
Interchange Type Code (* I.C)	OLD (Parts) → Early (Prod.) NEW → Late	OLD (Parts) → Early (Prod.) NEW → Late	OLD (Parts) Early (Prod.) NEW → Late	OLD (Parts) → Early (Prod.) NEW → Late	Parts Addition (None ¡æ New)	Parts deletion (Old ¡æ Del.)

Application Reference (O) Only Defected sets ( ) Whole sets ( )

Attachment Schematic Diagram ( ) Component Lay-out ( ) Exploded View ( )
Mechanical Diagram ( ) None ( ) Others (0)

Product Month : Aug. 1998 Serial No. (~ from)

Published by : G.M.Chung Checked by : J. U.Lee Approved by : S.J.Choi

¡á Distribution List and Remarks

* Bulletin No: 98-C/M-E0020

No.	Subsidiary Distributor	Country	Applicable Models or Remark
1	SEA	USA	
2	SLSC	Panama	
3	SESC	U.K	
4	SGSC	UAE	
5	SASC	Singapore	
6	SMSC	Russia	
7	SPSC	China	
8	SECA	Canada	
9	SEM	Mexico	
10	SEDA	Brazil	
11	SEG	Germany	
12	SEF	France	
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14	SEP	Portugal	
15	SESAB	Sweden	
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17	SHE	Hungary	
18	SEAU	Australia	
19	SAPL	Singapore	
20	SEJ	Japan	

SAMSUNG ELECTRONICS

SERVICE BULLETIN

Product :	Color monitor	Bulletin No. :	98-C/M-E0021
Model :	CMA,CMB,CMJ,CGB,CMQ- Cha. Model	Bulletin Date :	Dec. 15. 1998
Buyer :	All subsidiaries	ECN Date :	Dec. 15. 1998

SUBJECT : Change type of CRT

Background : (Symptom)
We review the new CRT for the service replacement. The CRT of CMA , CMB, CMJ, CMQ, CGB models is lined off.
The FOS quality and function is same.
If you need CRT for service, Please order the new CRT.

Cause : Line -off the Old model CRT from CRT maker in SDD.

Solution :
Applied new CRT in field SVC for CMA,CMB,CMQ,CMJ,CGB of units.
In case of change old CRT with the new CRT(BH03-10337W), you must change one resistor as to the attachment.

Application Date : Dec. 15. 1998

(Interchangeability Code : * I.C)

Location No.	OLD (before) Parts		NEW (changed) Parts		* I.C
	SEC Code	Description	SEC Code	Description	
CRT	BH03-10004A	M36KUK35X02(E)	BH03-10337W (See you att.)	M36KUK35X02(E/LP)	E

Type	A type	B type	C type	D type	E type	F type
Interchange Type Code (* I.C)	OLD (Parts) NEW / Early (Prod.) Late	OLD (Parts) NEW / Early (Prod.) Late	OLD (Parts) NEW / Early (Prod.) Late	OLD (Parts) NEW / Early (Prod.) Late	Parts Addition (None ¡æ New)	Parts deletion (Old ¡æ Del.)

Application : Reference ( ) Only Defected sets (O) Whole sets ( )

Attachment : Schematic Diagram ( ) Component Lay-out ( ) Exploded View ( )
Mechanical Diagram ( ) None ( ) Others (O)

Product Month : May. 1995 ~ Serial No. (~ from)

Published by : G.M.Chung Checked by : J.U.Lee Approved by : S.J. Choi

¡á Additional Information

* Bulletin No: 98-C/M-E0021

Change the heater resistors for New CRT applied

Model No.	New CRT	Part Locations	Heater Resistor		Heater Voltage
			Before(OLD)	After (NEW)	
CGB-5607 (CGB-CHASSIS)	M36KUK35X02(E/LP)	R652	2003-000423 3W / 1.2 Ohm	2003-000631 3W / 3.3 Ohm	6.1 ~ 6.3 V
CMA-5377 (CMA-CHASSIS)	M36KUK35X02(E/LP)	R631	2003-000446 2W / 1.8 Ohm	2003-000631 3W / 3.3 Ohm	6.1 ~ 6.3 V
CMJ-5377 (CMJ-CHASSIS)	M36KUK35X02(E/LP)	R642	2003-000438 3W / 1.5 Ohm	2003-000821 3W / 3.9 Ohm	6.1 ~ 6.3 V
EVG-153-COL CMQ-5387L (CMQ-CHASSIS)	M36KUK35X02(E/LP)	R642	2003-000438 3W / 1.5 Ohm	2003-000821 3W / 3.9 Ohm	6.1 ~ 6.3 V
CMB5377 (CMB-CHASSIS)	M36KUK35X02(E/LP)	R648	2008-000102 1W / 0.22 Ohm	2008-000547 3W / 1.0 Ohm	6.1 ~ 6.3 V

¡á *Distribution List and Remarks*

* Bulletin No: 98-C/M-E0021

No.	Subsidiary Distributor	Country	Applicable Models or Remark
1	SEA	USA	
2	SLSC	Panama	
3	SESC	U.K	
4	SGSC	UAE	
5	SASC	Singapore	
6	SMSC	Russia	
7	SPSC	China	
8	SECA	Canada	
9	SEM	Mexico	
10	SEDA	Brazil	
11	SEG	Germany	
12	SEF	France	
13	SECOSA	Spain	
14	SEP	Portugal	
15	SESAB	Sweden	
16	SEI	Italy	
17	SHE	Hungary	
18	SEAU	Australia	
19	SAPL	Singapore	
20	SEJ	Japan	